Author index

Abe, M. and Hugli, T.E.
Characterization of leukotriene C_4 synthetase in mouse peritoneal exudate cells (959) 386
Anderson, K.M., see Wiederhold, M.D. (959) 296

Balliano, G., Viola, F., Ceruti, M. and Cattel, L.
Inhibition of sterol biosynthesis in *Saccharomyces cerevisiae* by *N,N*-diethylazasqualene and derivatives (959) 9
Basu, J., Kundu, M., Bhattacharya, U., Mazumder, C. and Chakrabarti, P.
Purification and characterisation of a non-specific lipid transfer protein from goat liver (959) 134
Bell, R.M., see Van Veldhoven, P.P. (959) 185
Bengtsson-Olivecrona, G., see Vilaró, S. (959) 106
Benning, H., see Weber, N. (959) 91
Bentejac, M., Lecerf, J., Bugaut, M. and Delachambre, M.C.
Turnover and uptake of double-labelled high-density lipoprotein sphingomyelin in the adult rat (959) 349
Berry, E.M., see Haratz, D. (959) 127
Beyer, P., see Lützow, M. (959) 118
Bhattacharya, U., see Basu, J. (959) 134
Borgström, B., see Lindström, M.B. (959) 178
Buckley, J.T., see Thornton, J. (959) 153
Bugaut, M., see Bentejac, M. (959) 349

Cabot, M.C., Welsh, C.J., Zhang, Z.-c., Cao, H.-t., Chabbott, H. and Lebowitz, M.
Vasopressin, phorbol diesters and serum elicit choline glycerophospholipid hydrolysis and diacylglycerol formation in nontransformed cells: transformed derivatives do not respond (959) 46
Calvo, M., Naval, J., Lampreave, F., Uriel, J. and Piñeiro, A.
Fatty acids bound to α-fetoprotein and albumin during rat development (959) 238
Cao, H.-t., see Cabot, M.C. (959) 46
Carroll, K.K., see Rip, J.W. (959) 58
Cattel, L., see Balliano, G. (959) 9
Ceruti, M., see Balliano, G. (959) 9
Chabbott, H., see Cabot, M.C. (959) 46
Chakrabarti, P., see Basu, J. (959) 134
Chapkin, R.S., Miller, C.C., Somers, S.D. and Erickson, K.L.
Utilization of dihomo-γ-linolenic acid (8,11,14-eicosatrienoic acid) by murine peritoneal macrophages (959) 322
Chapman, D., see Rodham, D.K. (959) 84
Christensen, E., Hagve, T.-A. and Christophersen, B.O.
The Zellweger syndrome: deficient chain-shortening of erucic acid (22:1 ($n-9$)) and adrenic acid (22:4 ($n-6$)) in cultured skin fibroblasts (959) 95
Christophersen, B.O., see Christensen, E. (959) 95
Claeys, A., see Mannens, G. (959) 214
Clavey, V., see Pio, F. (959) 160
Colombo, C., see Ku, E.C. (959) 332
Cooper, M.B., Forte, C.A. and Jones, D.A.
Carnitine and acetylcarnitine in red blood cells (959) 100
Cornicelli, J.A., see Goldberg, I.J. (959) 220

Dac, N.V., see Pio, F. (959) 160
Delachambre, M.C., see Bentejac, M. (959) 349
De Loof, H., see Pio, F. (959) 160
DeNigris, S.J., Hamosh, M., Kasbekar, D.K., Lee, T.C. and Hamosh, P.
Lingual and gastric lipases: species differences in the origin of prepancreatic digestive lipases and in the localization of gastric lipase (959) 38
Derksen, A., see Ekman, S. (959) 343
Deykin, D., see Kramer, R.M. (959) 269
Dotson, R., see Ku, E.C. (959) 332

Edén, S., see Oscarsson, J. (959) 280
Ekman, S., Derksen, A. and Small, D.M.
The partitioning of fatty acid and cholesterol between core and surfaces of phosphatidylcholine-triolein emulsions at pH 7.4 (959) 343
Erickson, K.L., see Chapkin, R.S. (959) 322

Ferretti, A., Flanagan, V.P. and Reeves, V.B.
Occurrence of prostaglandin E_3 in human urine as a result of marine oil ingestion: gas chromatographic-mass spectrometric evidence (959) 262
Flanagan, V.P., see Ferretti, A. (959) 262
Forte, C.A., see Cooper, M.B. (959) 100
Francone, O.L., see Oussadou, L. (959) 76
Fruchart, J.C., see Pio, F. (959) 160

Garber, D.W. and Marsh, J.B.
Ascites fluid lipoproteins in experimental nephrotic syndrome (959) 253
Gargouri, Y., see Moreau, H. (959) 247
Geelen, M.J.H., see Tijburg, L.B.M. (959) 1
Ghai, G., see Ku, E.C. (959) 332
Gilfillan, A.M. and Rooney, S.A.
Functional evidence for involvement of P_2 purinoceptors in the ATP stimulation of phosphatidylcholine secretion in type II alveolar epithelial cells (959) 31
Giordano, J.R., see Hostetler, K.Y. (959) 316
Goldberg, I.J., Handley, D.A., Vanni, T., Paterniti, Jr., J.R. and Cornicelli, J.A.

Author index

Abe, M. and Hugli, T.E.
Characterization of leukotriene C_4 synthetase in mouse peritoneal exudate cells (959) 386
Anderson, K.M., see Wiederhold, M.D. (959) 296

Balliano, G., Viola, F., Ceruti, M. and Cattel, L.
Inhibition of sterol biosynthesis in *Saccharomyces cerevisiae* by *N,N*-diethylazasqualene and derivatives (959) 9
Basu, J., Kundu, M., Bhattacharya, U., Mazumder, C. and Chakrabarti, P.
Purification and characterisation of a non-specific lipid transfer protein from goat liver (959) 134
Bell, R.M., see Van Veldhoven, P.P. (959) 185
Bengtsson-Olivecrona, G., see Vilaró, S. (959) 106
Benning, H., see Weber, N. (959) 91
Bentejac, M., Lecerf, J., Bugaut, M. and Delachambre, M.C.
Turnover and uptake of double-labelled high-density lipoprotein sphingomyelin in the adult rat (959) 349
Berry, E.M., see Haratz, D. (959) 127
Beyer, P., see Lützow, M. (959) 118
Bhattacharya, U., see Basu, J. (959) 134
Borgström, B., see Lindström, M.B. (959) 178
Buckley, J.T., see Thornton, J. (959) 153
Bugaut, M., see Bentejac, M. (959) 349

Cabot, M.C., Welsh, C.J., Zhang, Z.-c., Cao, H.-t., Chabbott, H. and Lebowitz, M.
Vasopressin, phorbol diesters and serum elicit choline glycerophospholipid hydrolysis and diacylglycerol formation in nontransformed cells: transformed derivatives do not respond (959) 46
Calvo, M., Naval, J., Lampreave, F., Uriel, J. and Piñeiro, A.
Fatty acids bound to α-fetoprotein and albumin during rat development (959) 238
Cao, H.-t., see Cabot, M.C. (959) 46
Carroll, K.K., see Rip, J.W. (959) 58
Cattel, L., see Balliano, G. (959) 9
Ceruti, M., see Balliano, G. (959) 9
Chabbott, H., see Cabot, M.C. (959) 46
Chakrabarti, P., see Basu, J. (959) 134
Chapkin, R.S., Miller, C.C., Somers, S.D. and Erickson, K.L.
Utilization of dihomo-γ-linolenic acid (8,11,14-eicosatrienoic acid) by murine peritoneal macrophages (959) 322
Chapman, D., see Rodham, D.K. (959) 84
Christensen, E., Hagve, T.-A. and Christophersen, B.O.
The Zellweger syndrome: deficient chain-shortening of erucic acid (22:1 ($n-9$)) and adrenic acid (22:4 ($n-6$)) in cultured skin fibroblasts (959) 95
Christophersen, B.O., see Christensen, E. (959) 95
Claeys, A., see Mannens, G. (959) 214
Clavey, V., see Pio, F. (959) 160
Colombo, C., see Ku, E.C. (959) 332
Cooper, M.B., Forte, C.A. and Jones, D.A.
Carnitine and acetylcarnitine in red blood cells (959) 100
Cornicelli, J.A., see Goldberg, I.J. (959) 220

Dac, N.V., see Pio, F. (959) 160
Delachambre, M.C., see Bentejac, M. (959) 349
De Loof, H., see Pio, F. (959) 160
DeNigris, S.J., Hamosh, M., Kasbekar, D.K., Lee, T.C. and Hamosh, P.
Lingual and gastric lipases: species differences in the origin of prepancreatic digestive lipases and in the localization of gastric lipase (959) 38
Derksen, A., see Ekman, S. (959) 343
Deykin, D., see Kramer, R.M. (959) 269
Dotson, R., see Ku, E.C. (959) 332

Edén, S., see Oscarsson, J. (959) 280
Ekman, S., Derksen, A. and Small, D.M.
The partitioning of fatty acid and cholesterol between core and surfaces of phosphatidylcholine-triolein emulsions at pH 7.4 (959) 343
Erickson, K.L., see Chapkin, R.S. (959) 322

Ferretti, A., Flanagan, V.P. and Reeves, V.B.
Occurrence of prostaglandin E_3 in human urine as a result of marine oil ingestion: gas chromatographic-mass spectrometric evidence (959) 262
Flanagan, V.P., see Ferretti, A. (959) 262
Forte, C.A., see Cooper, M.B. (959) 100
Francone, O.L., see Oussadou, L. (959) 76
Fruchart, J.C., see Pio, F. (959) 160

Garber, D.W. and Marsh, J.B.
Ascites fluid lipoproteins in experimental nephrotic syndrome (959) 253
Gargouri, Y., see Moreau, H. (959) 247
Geelen, M.J.H., see Tijburg, L.B.M. (959) 1
Ghai, G., see Ku, E.C. (959) 332
Gilfillan, A.M. and Rooney, S.A.
Functional evidence for involvement of P_2 purinoceptors in the ATP stimulation of phosphatidylcholine secretion in type II alveolar epithelial cells (959) 31
Giordano, J.R., see Hostetler, K.Y. (959) 316
Goldberg, I.J., Handley, D.A., Vanni, T., Paterniti, Jr., J.R. and Cornicelli, J.A.

Membrane-bound lipoprotein lipase on human monocyte-derived macrophages: localization by immunocolloidal gold technique (959) 220
Griffaton, G., see Oussadou, L. (959) 76

Hagaman, K.A., see McLean, L.R. (959) 201
Hagve, T.-A., see Christensen, E. (959) 95
Hamosh, M., see DeNigris, S.J. (959) 38
Hamosh, P., see DeNigris, S.J. (959) 38
Handley, D.A., see Goldberg, I.J. (959) 220
Haratz, D., Stein, O., Shwartz, R., Berry, E.M. and Stein, Y.
Preferential metabolism by macrophages of conditioned rabbit hypercholesterolemic remnant lipoproteins (959) 127
Harris, J.E., see Wiederhold, M.D. (959) 296
Henseling, J. and Röhm, K.-H.
Aminoacylase I from hog kidney: anion effects and the pH dependence of kinetic parameters (959) 370
Honda, Z., see Izumi, T. (959) 305
Hostetler, K.Y., Giordano, J.R. and Jellison, E.J.
In vitro inhibition of lysosomal phospholipase A_1 of rat lung by amiodarone and desethylamiodarone (959) 316
Hou, W.-M., Zhang, Z.-L. and Tai, H.-H.
Purification and characterization of phosphatidylinositol kinase from porcine liver microsomes (959) 67
Houweling, M., see Tijburg, L.B.M. (959) 1
Howard, S.P., see Thornton, J. (959) 153
Hugli, T.E., see Abe, M. (959) 386

Ibdah, J.A., see Krebs, K.E. (959) 229
Izumi, T., Honda, Z., Ohishi, N., Kitamura, S., Tsuchida, S., Sato, K., Shimizu, T. and Seyama, Y.
Solubilization and partial purification of leukotriene C_4 synthase from guinea-pig lung: a microsomal enzyme with high specificity towards 5,6-epoxide leukotriene A_4 (959) 305

Jakubowski, J.A., see Kramer, R.M. (959) 269
Jellison, E.J., see Hostetler, K.Y. (959) 316
Jones, D.A., see Cooper, M.B. (959) 100
Junien, J.L., see Moreau, H. (959) 247

Kalopissis, A.-D., see Oussadou, L. (959) 76
Kamps, J.A.A.M., see Kuiper, J. (959) 143
Kasbekar, D.K., see DeNigris, S.J. (959) 38
Kimble, E.F., see Ku, E.C. (959) 332
Kitamura, S., see Izumi, T. (959) 305
Kramer, R.M., Jakubowski, J.A. and Deykin, D.
Hydrolysis of 1-alkyl-2-arachidonoyl-*sn*-glycero-3-phosphocholine, a common precursor of platelet-activating factor and eicosanoids, by human platelet phospholipase A_2 (959) 269
Krebs, K.E., Ibdah, J.A. and Phillips, M.C.
A comparison of the surface activities of human apolipoproteins A-I and A-II at the air/water interface (959) 229
Ku, E.C., Raychaudhuri, A., Ghai, G., Kimble, E.F., Lee, W.H., Colombo, C., Dotson, R., Oglesby, T.D. and Wasley, J.W.F.
Characterization of CGS 8515 as a selective 5-lipoxygenase inhibitor using in vitro and in vivo models (959) 332
Kuiper, J., Zijlstra, F.J., Kamps, J.A.A.M. and Van Berkel, T.J.C.
Identification of prostaglandin D_2 as the major eicosanoid from liver endothelial and Kupffer cells (959) 143
Kundu, M., see Basu, J. (959) 134

Lambrecht, R., see Mannens, G. (959) 214
Lampreave, F., see Calvo, M. (959) 238
Landin, B., see Nilsson, Å. (959) 288
Lebowitz, M., see Cabot, M.C. (959) 46
Lecat, D., see Moreau, H. (959) 247
Lecerf, J., see Bentejac, M. (959) 349
Lee, T.C., see DeNigris, S.J. (959) 38
Lee, W.H., see Ku, E.C. (959) 332
Lindström, M.B., Sternby, B. and Borgström, B.
Concerted action of human carboxyl ester lipase and pancreatic lipase during lipid digestion in vitro: importance of the physicochemical state of the substrate (959) 178
Llobera, M., see Vilaró, S. (959) 106
Lützow, M. and Beyer, P.
The isopentenyl-diphosphate Δ-isomerase and its relation to the phytoene synthase complex in daffodil chromoplasts (959) 118
Lytton, F.D. and Mitchell, M.D.
Phorbol ester-induced stimulation of prostaglandin biosynthesis in human amnion cells (959) 399

Mannens, G., Slegers, G., Lambrecht, R. and Claeys, A.
Immobilization of acetylcoenzyme A synthetase and the preparation of an enzyme reactor for the synthesis of [^{11}C]acetylcoenzyme A (959) 214
Marsh, J.B., see Garber, D.W. (959) 253
Mazumder, C., see Basu, J. (959) 134
McLean, L.R. and Hagaman, K.A.
Probucol reduces the rate of association of apolipoprotein C-III with dimyristoylphosphatidylcholine (959) 201
Menon, K.M.J., see Rajan, V.P. (959) 206
Miller, C.C., see Chapkin, R.S. (959) 322
Miller, N.E., see Nanjee, M.N. (959) 378
Mita, M. and Ueta, N.
Energy metabolism of sea urchin spermatozoa, with phosphatidylcholine as the preferred substrate (959) 361
Mitchell, M.D., see Lytton, F.D. (959) 399
Moreau, H., Gargouri, Y., Lecat, D., Junien, J.L. and Verger, R.
Screening of preduodenal lipases in several mammals (959) 247

Nanjee, M.N. and Miller, N.E.
Sex difference in the saturable binding of low-density lipoprotein by liver membranes in ageing rats (959) 378
Naval, J., see Calvo, M. (959) 238
Nilsson, Å. and Landin, B.
Metabolism of chylomicron arachidonic and linoleic acid in the rat (959) 288

Oglesby, T.D., see Ku, E.C. (959) 332
Ohishi, N., see Izumi, T. (959) 305
Olivecrona, T., see Vilaró, S. (959) 106
Oscarsson, J. and Edén, S.
Sex differences in fatty acid composition of rat liver phosphatidylcholine are regulated by the plasma pattern of growth hormone (959) 280
Oussadou, L., Kalopissis, A.-D., Francone, O.L. and Griffaton, G.
Intestinal very-low-density lipoprotein secretion in the genetically obese Zucker rat (959) 76

Paterniti, Jr., J.R., see Goldberg, I.J. (959) 220
Phillips, M.C., see Krebs, K.E. (959) 229
Piñeiro, A., see Calvo, M. (959) 238
Pio, F., De Loof, H., Dac, N.V., Clavey, V., Fruchart, J.C. and Rosseneu, M.
Immunochemical characterization of two antigenic sites on human apolipoprotein A-I; localization and lipid modulation of these epitopes (959) 160
Pope, T.S., Smart, D.A. and Rooney, S.A.
Hormonal effects on fatty-acid synthase in cultured fetal rat lung; induction by dexamethasone and inhibition of activity by triiodothyronine (959) 169

Rajan, V.P. and Menon, K.M.J.
Differential uptake and metabolism of free and esterified cholesterol from high-density lipoproteins in the ovary (959) 206
Ramírez, I., see Vilaró, S. (959) 106
Raychaudhuri, A., see Ku, E.C. (959) 332
Reeves, V.B., see Ferretti, A. (959) 262
Rip, J.W. and Carroll, K.K.
Dolichyl phosphate formed during the germination of isolated soybean embryos is derived primarily by the enzymatic phosphorylation of previously synthesized (stored) dolichol (959) 58
Rodham, D.K. and Chapman, D.
Derivative analysis in differential scanning calorimetry of model biomembranes (959) 84
Röhm, K.-H., see Henseling, J. (959) 370
Rooney, S.A., see Gilfillan, A.M. (959) 31
Rooney, S.A., see Pope, T.S. (959) 169
Rosseneu, M., see Pio, F. (959) 160

Sato, K., see Izumi, T. (959) 305
Seyama, Y., see Izumi, T. (959) 305
Shimizu, T., see Izumi, T. (959) 305
Shwartz, R., see Haratz, D. (959) 127
Slegers, G., see Mannens, G. (959) 214
Small, D.M., see Ekman, S. (959) 343
Smart, D.A., see Pope, T.S. (959) 169
Somers, S.D., see Chapkin, R.S. (959) 322
Stein, O., see Haratz, D. (959) 127
Stein, Y., see Haratz, D. (959) 127
Steinbrecher, U.P.
Role of superoxide in endothelial-cell modification of low-density lipoproteins (959) 20
Sternby, B., see Lindström, M.B. (959) 178

Tai, H.-H., see Hou, W.-M. (959) 67
Thornton, J., Howard, S.P. and Buckley, J.T.
Molecular cloning of a phospholipid–cholesterol acyltransferase from *Aeromonas hydrophila*. Sequence homologies with lecithin–cholesterol acyltransferase and other lipases (959) 153
Tijburg, L.B.M., Houweling, M., Geelen, M.J.H. and Van Golde, L.M.G.
Effects of dietary conditions on the pool sizes of precursors of phosphatidylcholine and phosphatidylethanolamine synthesis in rat liver (959) 1
Tsuchida, S., see Izumi, T. (959) 305

Ueta, N., see Mita, M. (959) 361
Uriel, J., see Calvo, M. (959) 238

Van Berkel, T.J.C., see Kuiper, J. (959) 143
Van Golde, L.M.G., see Tijburg, L.B.M. (959) 1
Vanni, T., see Goldberg, I.J. (959) 220
Van Veldhoven, P.P. and Bell, R.M.
Effect of harvesting methods, growth conditions and growth phase on diacylglycerol levels in cultured human adherent cells (959) 185
Verger, R., see Moreau, H. (959) 247
Vilaró, S., Ramírez, I., Bengtsson-Olivecrona, G., Olivecrona, T. and Llobera, M.
Lipoprotein lipase in liver. Release by heparin and immunocytochemical localization (959) 106
Viola, F., see Balliano, G. (959) 9

Wasley, J.W.F., see Ku, E.C. (959) 332
Weber, N. and Benning, H.
Metabolism of ether glycolipids with potentially antineoplastic activity by Ehrlich ascites tumor cells (959) 91
Welsh, C.J., see Cabot, M.C. (959) 46
Wiederhold, M.D., Anderson, K.M. and Harris, J.E.
Labelling of lipids and phospholipids with [^{3}H]arachidonic acid and the biosynthesis of eicosanoids in U937 cells differentiated by phorbol ester (959) 296

Zhang, Z.-c., see Cabot, M.C. (959) 46
Zhang, Z.-L., see Hou, W.-M. (959) 67
Zijlstra, F.J., see Kuiper, J. (959) 143